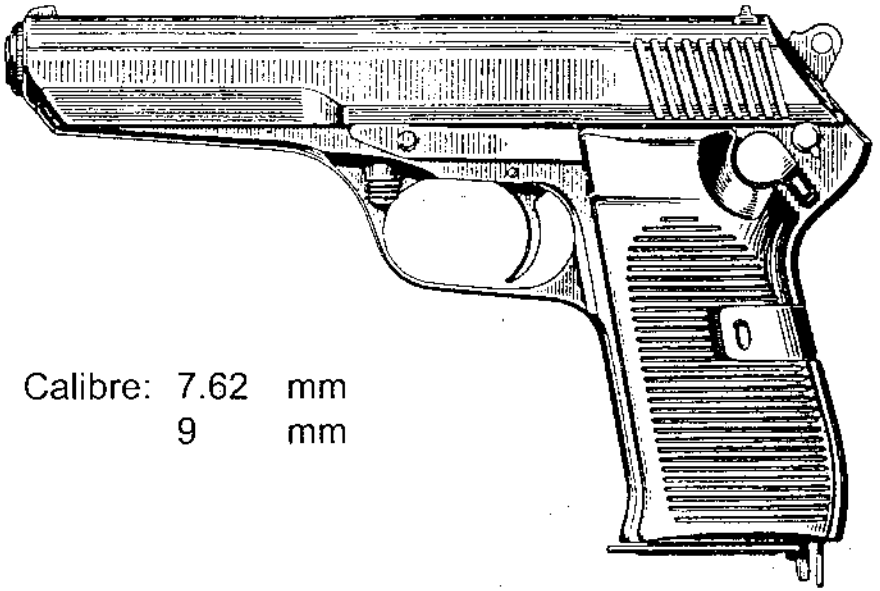
ZBROJOVKA BRNO, a.s.

Lazaretní 7, 656 17 Brno, Czech Republic

REFURBISHED MILITARY SELF - LOADING PISTOL

CZ Model 52



Calibre: 7.62 mm
9 mm

Self-loading Pistol CZ Model 52 is used for personal defence and shooters training.

CZ Model 52 Pistol is offered in following modifications:

- with the barrel calibre 7.62 mm
- with the barrel calibre 9 mm
- with both barrels calibre 7.62 mm and 9 mm

TECHNICAL DATA

Calibre	mm	7.62	9
Muzzle velocity	m/s	480	398
Muzzle energy	J	665	594
Operation		recoil, self-loading, single action	
Locking		rollers/locked	
Feed		8-round box magazine	
Sights		fore, blade; rear, square notch	
Rifling		6 grooves	4 grooves
Barrel length	mm	120	
Overall length	mm	211	
Weight with full magazine	g	1040	1045
Loaded magazine	g	170	175
Number of magazines		1 + 1	
Effective range	m	50	
Maximum range	m	1800	
Cartridge		7.62 mm Tokarev	9 mm Luger

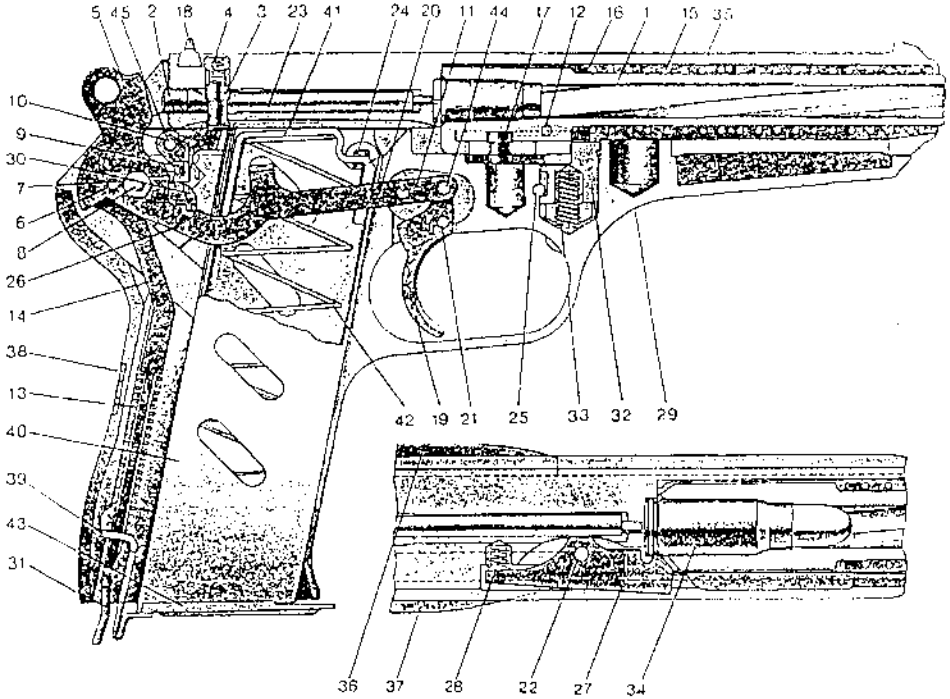
NOTE:

Cartridges with full-jacketed round nose bullets are recommended to use with calibre 9 mm.

DESCRIPTION AND OPERATION

The operation of self-loading pistol CZ Model 52 is based on the use of the recoil operated system with short backward motion of the barrel.

It employs locked, roller-locking breech system. Fig. 1 shows the sectional view of the weapon with terminology used.



1. Barrel
2. Firing Pin
3. Firin Pin Retractor / Lock
4. Firing Pin Retractor Spring
5. Hammer
6. Hammer Strut Pivot Pin
7. Hammer Pivot
8. Hammer Pivot Nut
9. Sear
10. Sear Spring
11. Trigger Return / Disconnector Spring
12. Roller Cam Retaining Pin
13. Hammer Spring
14. Hammer Strut
15. Recoil Spring
16. Roller Cam
17. Roller Locks
18. Rear Sight
19. Trigger
20. Trigger Bar / Disconnector
21. Trigger Pivot Pin
22. Extractor Pin
23. Ejector
24. Hold Open Catch
25. Takedown Latch / Hold Open Pin
26. Hold Open Catch / Safety Detent Spring
27. Extractor
28. Extractor Spring
29. Frame
30. Safety
31. Lanyard Loop
32. Takedown Latch
33. Takedown Latch Spring
34. Sideplate
35. Slide
36. Grip Panel, Left
37. Grip Panel, Right
38. Grip Retainer Clip
39. Magazine Catch
40. Magazine Housing
41. Magazine Follower
42. Magazine Spring
43. Magazine Bottom Plate
44. Trigger Bar Link Pin
45. Sear / Ejector Spring

Fig. 1 Sectional view of the weapon

Both the barrel and slide are engaged by rollers and locked together as an assembly. Recoil move the slide assembly to the rear, compressing the recoil spring. The roller cam, which retains the rollers in locked position, rests against a similarly configured frame lug. After overcomming short recoil (6 mm), the rollers are disengaged and the barrel lug abuts the frame as the slide continues reawards. The case is extracted and is ejected through the port by the frame mounted ejector.

Trigger mechanism is of the single-action type. The firing pin is equipped with an automatic safety catch preventing firing until the trigger has been pulled. This prevents an accidental discharge of the weapon, even with an unintentional impact onto the hammer.

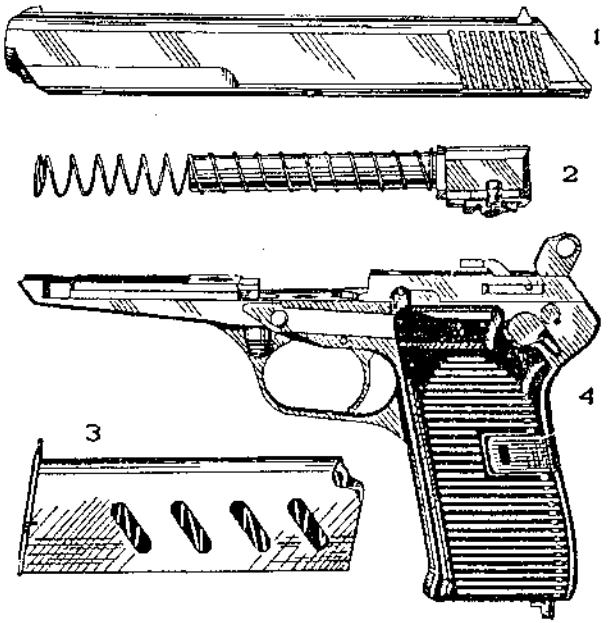
The frame-mounted safety has three positions. The lower is the "fire" mode and exposes a red detent. In the middle position, the safety engages both, the trigger bar and the rebound notch of the hammer. This allows the weapon to be "cocked and locked" or safety unloaded. The upper position, provides a decocking function that causes the hammer to fall as the safety rotates into the rebound notch of the hammer.

Pistol stripping and assembling is very simple, cleaning and maintenance require only minimum time and work.

The pistol has been completely overhauled. After simple barrel exchange is given the possibility to fire the weapon in corresponding calibre.

STRIPPING & ASSEMBLING

The weapon can be stripped down into folowing assemblies, Fig. 2:



1. Slide
2. Barrel with return spring
3. Magazine
4. Frame

Fig. 2 The weapon stripped

TO STRIP:

1. Remove the magazine by pressing the magazine catch. Retract the slide, checking the chambre to insure that the pistol is unloaded. Allow the slide to return to battery and elevate the safety to its uppermost position causing the hammer to fall against the hammer block.

2. Pull down the serrated tabs of the takedown latch located on both sides of the frame in front of the trigger guard, Fig. 3a. This releases the slide assembly to move 6 mm forward and lift straight up off the frame.

3. Invert the slide assembly and insert a magazine bottom plate extension in the slot in the roller cam, Fig. 3b. Retain the slide with one hand while moving the roller cam forward to disengage the rollers from the slide recesses. With the bottom plate extension canted slightly to the rear, tilt the breech of the barrel assembly out about 10° and withdraw it to the rear. Take recoil spring off the barrel.

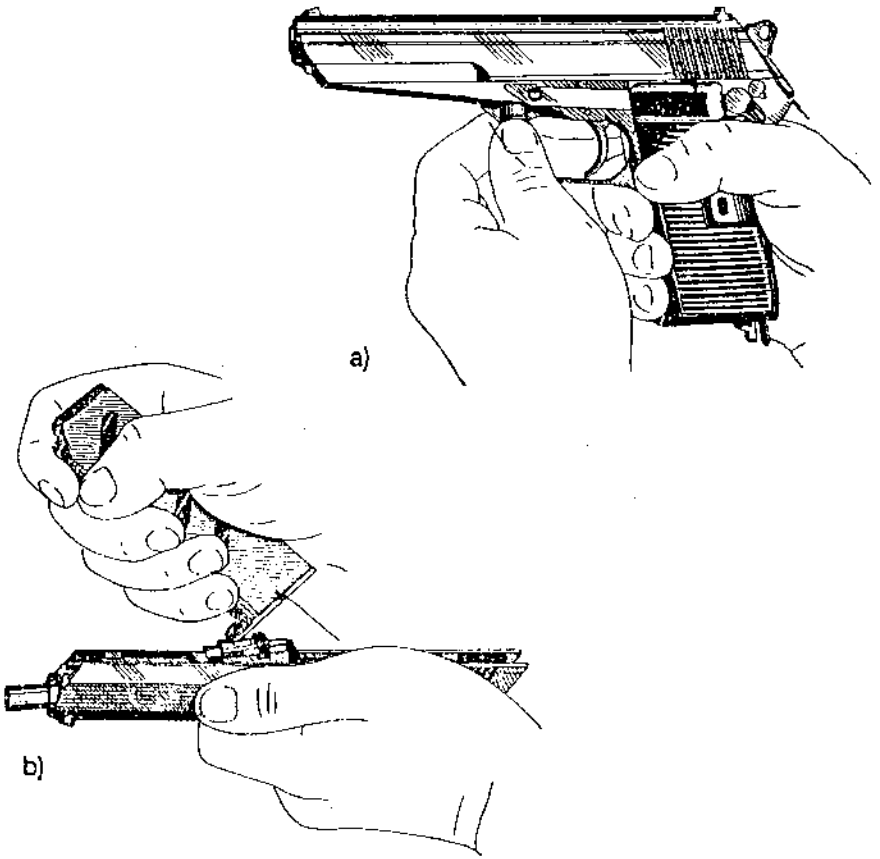


Fig. 3 Stripping

TO ASSEMBLE:

1. Place the recoil spring on the barrel assembly than place the front end of the recoil spring in the muzzle of the slide. Insert a magazine bottom plate extension in the slot in the roller cam to move the muzzle of the barrel forward through the front of the slide. Lower the breech of the barrel assembly into the slide allowig it to retract into position.

2. Place the slide assembly on the frame in the 6 mm forward position, aligning the lugs and assembly slots. Apply downward pressure and move the slide to the rear until the takedown latch snaps into place to engage and retain the slide.

3. Install the magazine to complete reassembly.

CLEANING AND MAINTENANCE

No special maintenance is required with the weapon. It is recommended to clean the weapon immediately after shooting and to apply a thin protective layer of a good quality gun oil. Wipe dry the barrel bore befor firing. Keep the surface of the weapon clean and dry.

Pay also attention and care to cartridges used, so as to prevent prospective operational failures of the weapon.

GUARANTEE

Guarantee for six (6) months from the date of purchase is provided.

SAFETY RULES

- Treat a gun as if it were loaded. Never point your gun at anything you do not intent to shoot.
- Always point the.gun muzzle in a safe direction. Remember that bullets will penetrate walls, floors and windows, and will also ricochet from flat hard surfaces.
- Be sure of your target and what's beyond it. Don't shoot unless you know exactly what your shot is going to strike.
- Whenever you handle a gun, or hand it to someone, always open the action immediately and visualy check the chamber, receiver and magazine to be certain they do not contain any ammunition.
- The sequence of stripping the weapon is important to prevent damage to the working parts. It will not be stripped further than taught.
- Don't alter or modify your gun, and have guns serviced regularly.